

**Customer**

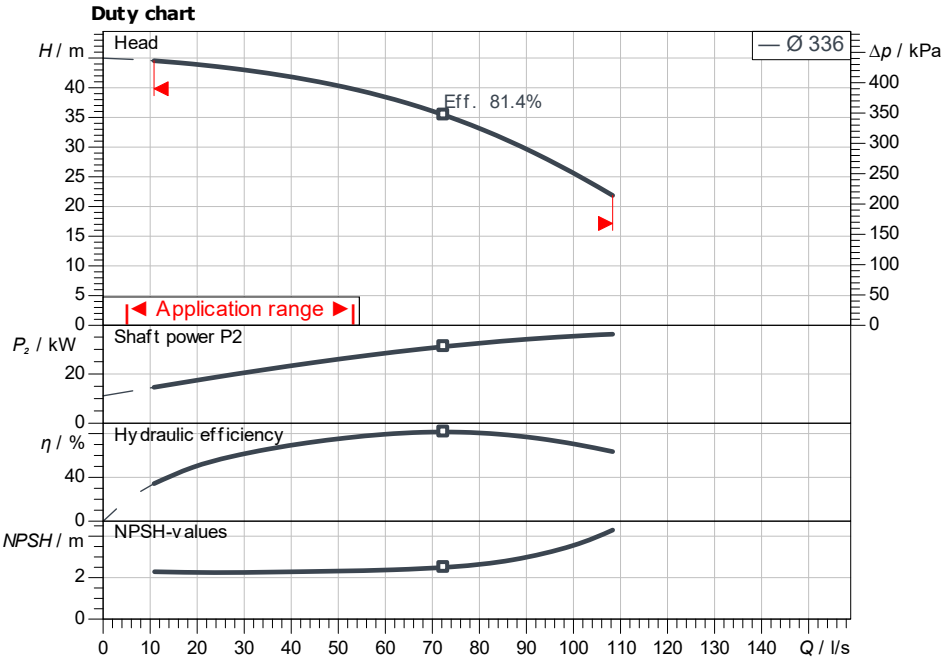
## Technical data

### Glanded monobloc pump Atmos GIGA-B 125/360-37/4-P6

Project ID                      Untitled project 2025-03-01 17:45:51.999

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-01



**Requested data**

Flow  
Head  
Media                      Water 100 %  
Fluid temperature                      20.00 °C  
Density                      998.30 kg/m<sup>3</sup>  
Kin. viscosity                      1.00 mm<sup>2</sup>/s

**Hydraulic data (Duty point)**

Flow  
Head  
Shaft power  $P_2$   
Hydraulic efficiency  
NPSH

**Product data**

Glanded monobloc pump  
Atmos GIGA-B 125/360-37/4-P6  
Max. operating pressure                      1,600 kPa  
Fluid temperature                      -20 °C ... +140 °C  
Max. ambient temperature                      40 °C  
Minimum efficiency index (MEI)                      ≥ 0.4

**Motordata per Motor/Pump**

Motor efficiency level                      IE3  
Mains connection                      3~ 400 V / 50 Hz  
Permitted voltage tolerance                      + -10 %  
Rated speed                      1,450 1/min  
Rated power  $P_2$                       37.00 kW  
Rated current                      71.30 A  
Power factor                      0.81  
Efficiency                      50% / 75% / 100%                      90.6 / 92.6 / 93.4 %  
Degree of protection                      IP55  
Insulation class                      F  
Motor protection                      PTC integrated

**Fitting dimensions**

Pipe connection on the suction side                      DN 150, PN 16  
Pipe connection (pressure side)                      DN 125, PN 16  
Port to Port                      -

**Materials**

Pump housing                      5.1301, EN-GJL-250 cataphoretic-coated  
Impeller                      EN-GJL-200  
Lantern                      5.1301, EN-GJL-250 cataphoretic-coated  
Shaft                      1.4122  
Shaft seal                      AQ1EGG

**Information for order placements**

Weight approx.                      627 kg  
Item number                      2160687

